

In the specification:

Please replace the second paragraph on page 6 with the following replacement paragraph. The only change is that " T_2 " in the second to last sentence has been changed to " T_1 ". The error was typographic as is clear from inspection of Figure 3. In the figure it is clear that T_1 is the temperature of a gas while T_2 is the temperature of a liquid. No new matter is added.

"When the composition and proportions of the liquid are defined for the specific application, the specific heats and heats of vaporization to change them from T_2 to T_3 can be determined from physical property information sources. Given these compositions, proportions and physical properties, there is a precise thermal energy input from the heater (measured from heater leads **314**) necessary to increase the temperature to T_3 from an initial temperature of T_2 . This precise thermal energy input is also directly related to liquid flow. Because thermal energy, T_3 and T_2 are measured, the liquid flow can be precisely determined based on a simple yet precise energy balance. Similarly, the gas flow (known) also will require a definite corresponding heat flow to raise temperature to T_3 from T_2 T_1 as a specified mass flow rate. The gas will not undergo a phase change; therefore heat of vaporization is not relevant."